

SERVICE MANUAL

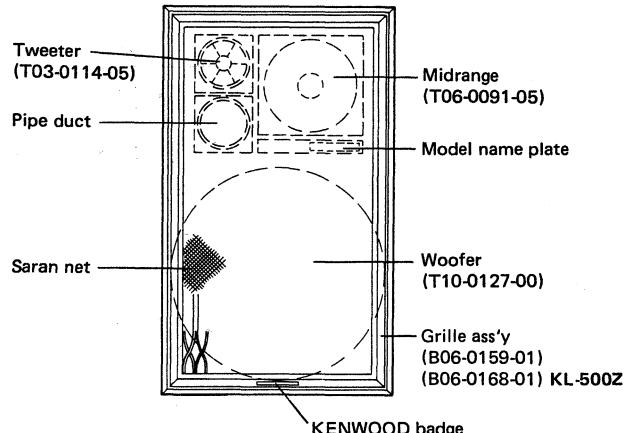
KENWOOD®

**KL-555Z/500Z
KL-666Z, 777Z/700Z
KL-888Z, 999Z**

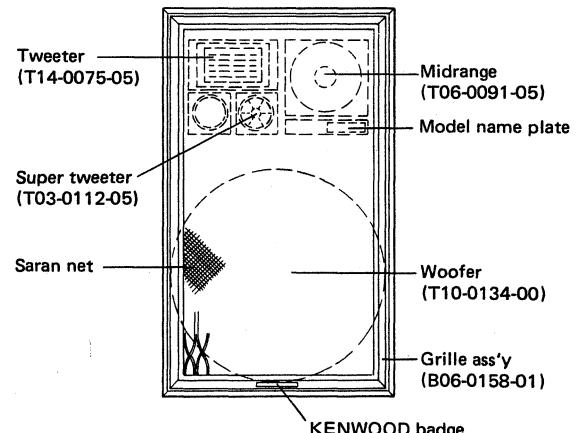
SPEAKER SYSTEM

EXTERNAL VIEWS

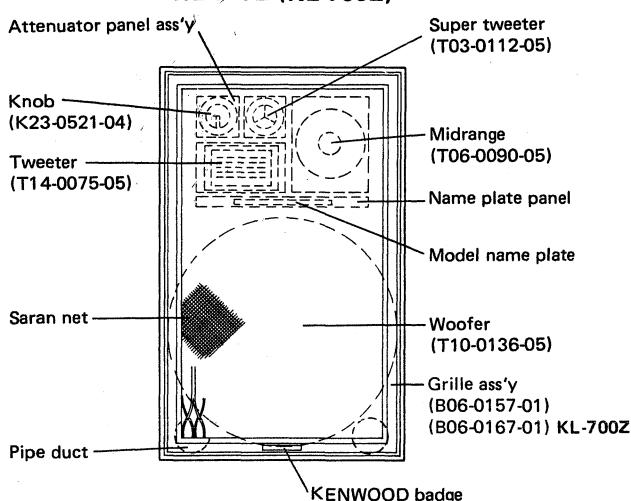
KL-555Z (KL-500Z)



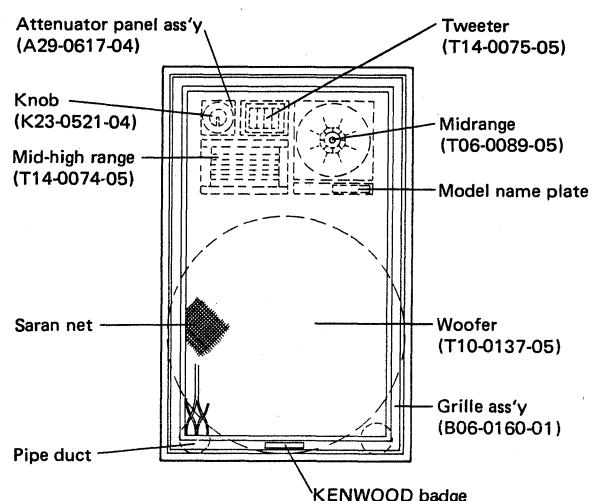
KL-666Z



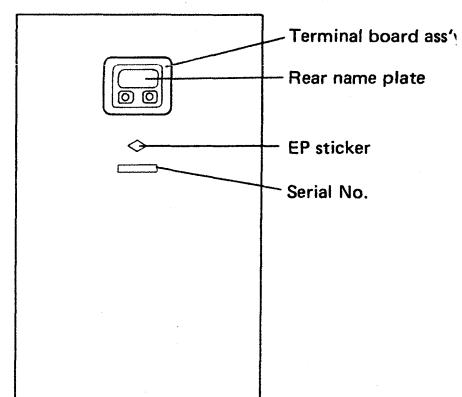
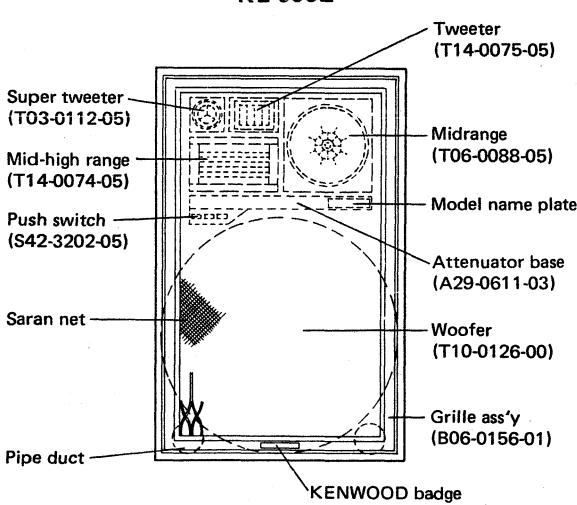
KL-777Z (KL-700Z)



KL-888Z



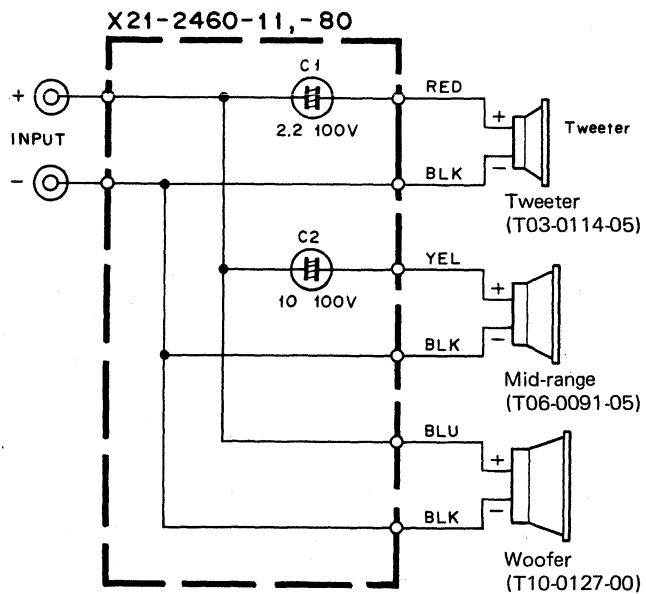
KL-999Z



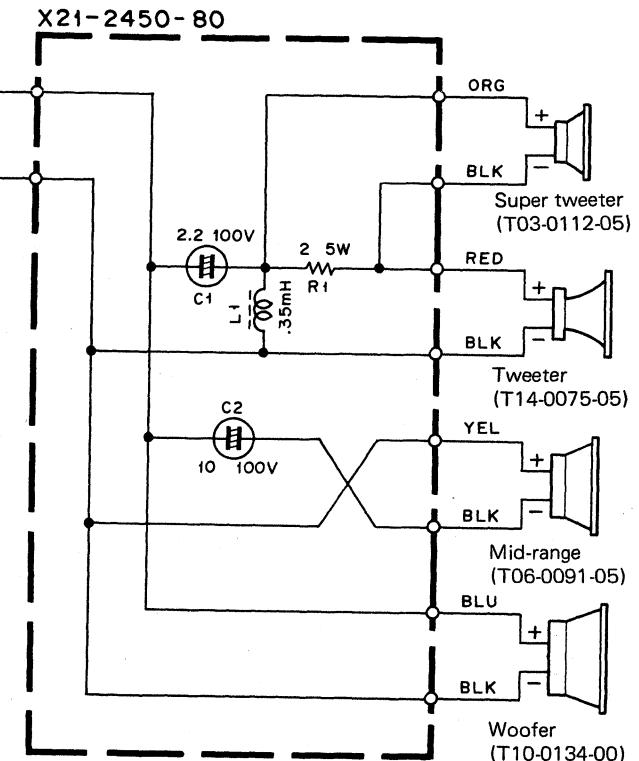
KL-555Z~999Z

SCHEMATIC DIAGRAMS

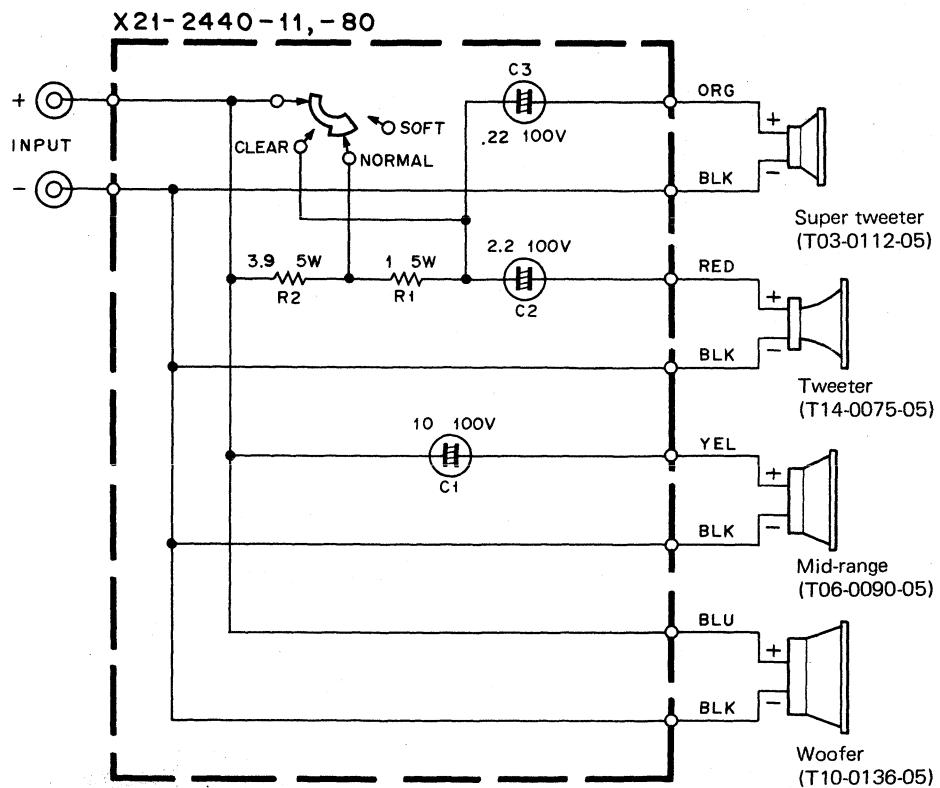
KL-555Z (KL-500Z)



KL-666Z

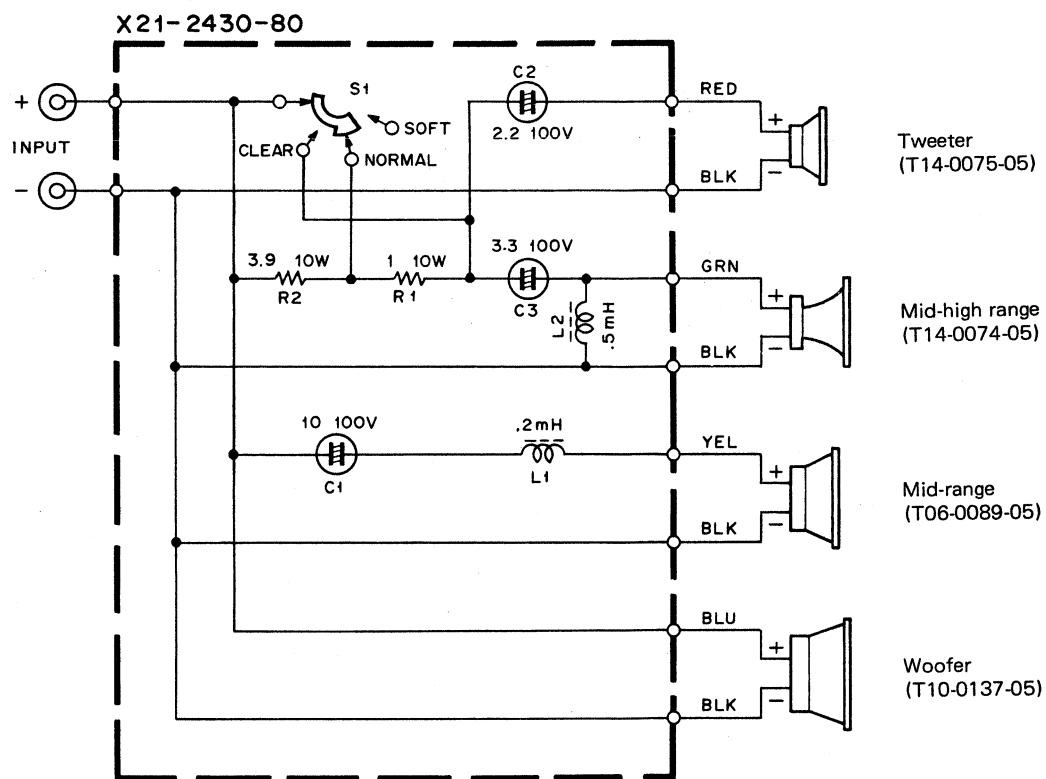


KL-777Z (KL-700Z)

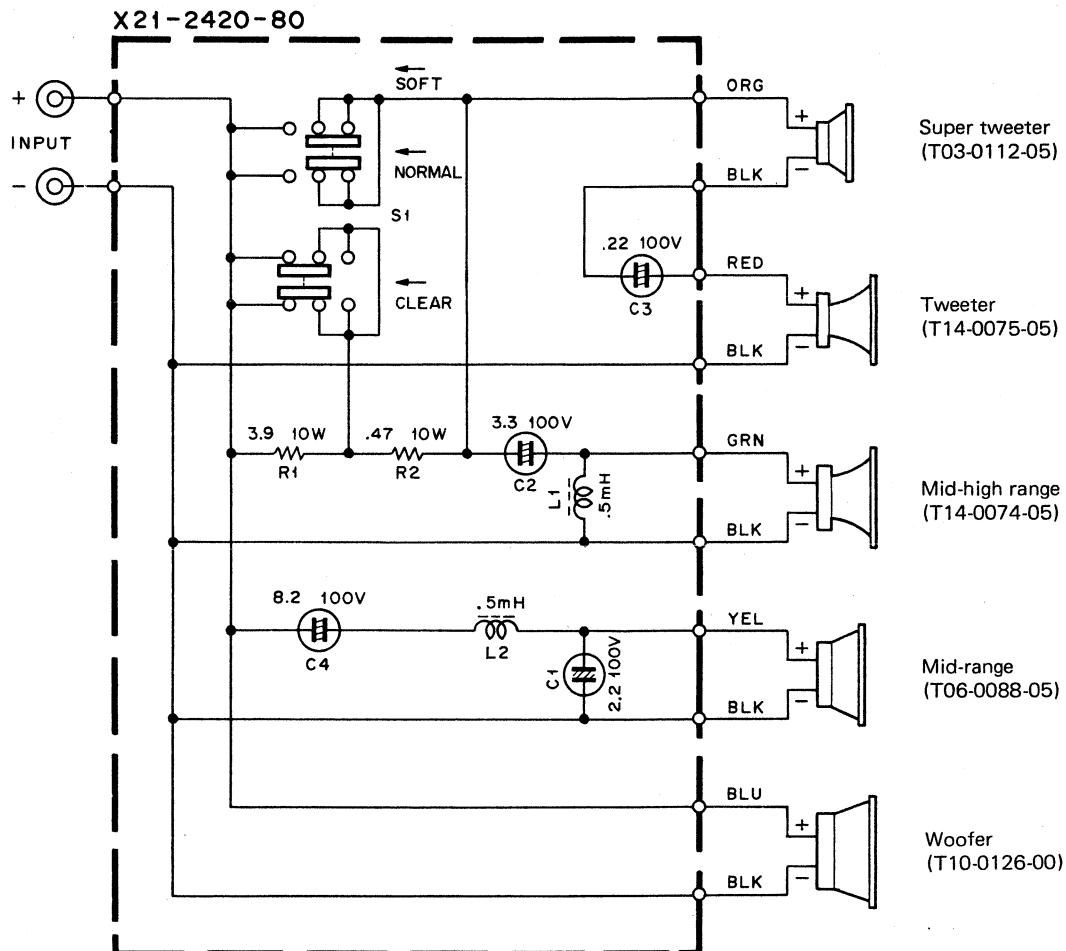


SCHEMATIC DIAGRAMS

KL-888Z



KL-999Z



PARTS LIST

Parts without Parts No. are not supplied.

Les articles non Parts No. sont ne pas fournis.

Teile ohne Parts No. werden nicht geliefert.

☆ : New parts

Parts Number					Description	Remarks
KL-555Z/500Z	KL-666Z	KL-777Z/700Z	KL-888Z	KL-999Z		
—	—	—	A21-0544-02	A21-0544-02	Dress panel (High mid-range)	☆
—	A21-0546-02	A21-0546-02	A21-0545-02	A21-0545-02	Dress panel (tweeter)	☆
A21-0556-04	A21-0556-04	A21-0557-04	—	A21-0557-04	Dress panel ass'y (Super tweeter)	☆
—	A29-0615-03	A29-0614-03	A29-0612-03	—	Name plate panel	☆
—	—	A29-0617-04	A29-0617-04	A29-0611-03	Attenuator panel ass'y	☆
B06-0168-01	—	B06-0167-01	—	—	Grille ass'y KL-700Z or 500Z	☆
B06-0159-01	B06-0158-01	B06-0157-01	B06-0160-01	B06-0156-01	Grille ass'y	☆
B46-0055-30	B46-0055-30	B46-0055-30	B46-0055-30	B46-0055-30	Warranty card P	
B46-0061-30	—	B46-0061-30	—	—	Warranty card K	
B46-0062-30	B46-0062-30	B46-0062-30	B46-0062-30	B46-0062-30	Warranty card U, H, UE	☆
B46-0063-13	B46-0063-13	B46-0063-13	B46-0063-13	B46-0063-13	Warranty card U	☆
B50-3728-00	B50-3724-00	B50-3720-00	B50-3716-00	B50-3712-00	Instruction manual U, M, P, H, UE	☆
B50-3729-00	B50-3725-00	B50-3721-00	B50-3717-00	B50-3713-00	Instruction manual M, P (French)	☆
B50-3730-00	B50-3726-00	B50-3722-00	B50-3718-00	B50-3714-00	Instruction manual M (Spanish)	☆
B50-3731-00	B50-3727-00	B50-3723-00	B50-3719-00	B50-3715-00	Instruction manual E (4-lingual)	☆
B50-3773-00	—	B50-3772-00	—	—	Instruction manual K	☆
E30-1003-05	E30-1003-05	E30-1003-05	E30-1003-05	E30-1003-05	Speaker cord U, M, H, UE, K	
—	—	—	—	F19-0405-03	Switch case ass'y	☆
H01-3853-04	H01-3847-04	H01-3841-04	H01-3835-04	H01-3829-04	Carton box	☆
H01-3946-04	—	H01-3945-04	—	—	Carton box (KL500Z, 700Z)	☆
H10-2099-03	H10-2098-03	H10-2098-03	H10-2098-03	H10-2098-03	Polyethylene foamed fixture	☆
—	—	—	—	—	Protection board	☆
H20-0829-04	H20-0834-04	H20-0831-04	H20-0831-04	H20-0831-04	Polyethylene cover	
J19-1054-04	J19-1054-04	J19-1054-04	J19-1054-04	J19-1054-04	Grille holder	☆
—	—	K23-0521-04	K23-0521-04	—	Knob	☆
—	—	—	—	S42-3202-05	Push switch (S1)	☆
—	T03-0112-05	T03-0112-05	—	T03-0112-05	Speaker unit (Super tweeter)	☆
T03-0114-05	T14-0075-05	T14-0075-05	T14-0075-05	T14-0075-05	Speaker unit (Tweeter)	☆
—	—	—	T14-0074-05	T14-0074-05	Speaker unit (Mid-high range)	☆
T06-0091-05	T06-0091-05	T06-0090-05	T06-0089-05	T06-0088-05	Speaker unit (Midrange)	☆
T10-0127-00	T10-0134-00	T10-0136-05	T10-0137-05	T10-0126-00	Speaker unit (Woofer)	☆
X21-2460-80	X21-2450-80	X21-2440-80	X21-2430-80	X21-2420-80	Network ass'y	☆
X21-2460-11	—	X21-2440-11	—	—	Network ass'y KL-500Z, KL-700Z	☆

K : U.S.A. U : PX E : Europe M : Other area

P : Canada X : Australia T : England ☆ : New parts

UE : AAFES H : AUDIO CLUB

PARTS LIST/DISASSEMBLY

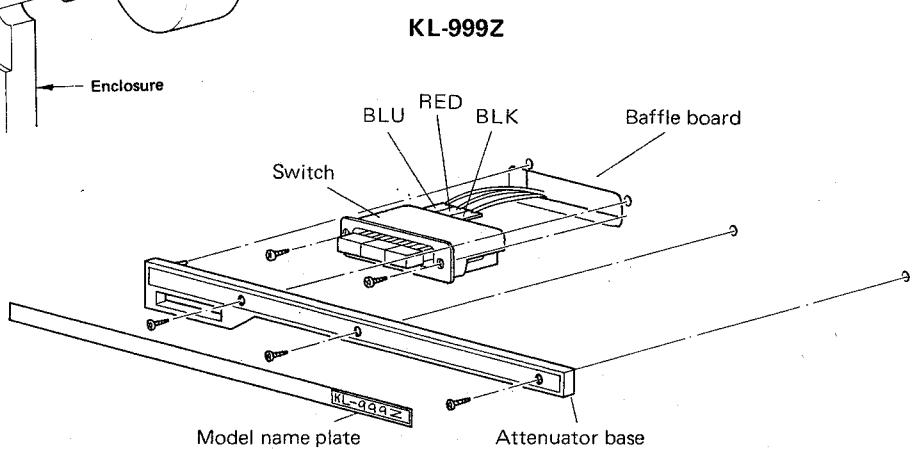
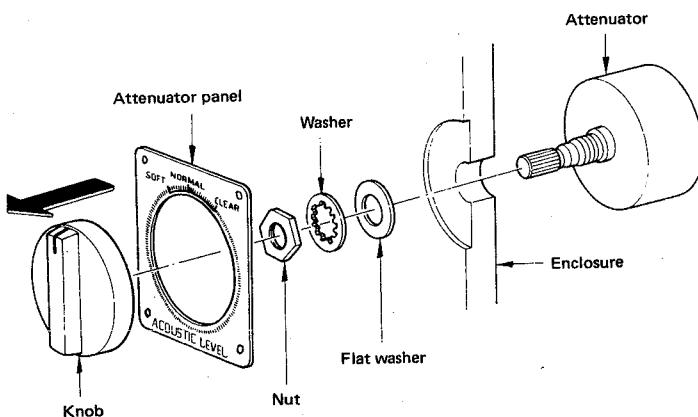
NETWORK PARTS LIST

☆ : New parts

Ref. No.	Parts No.	Description	Re-marks	Ref. No.	Parts No.	Description	Re-marks		
KL-555Z/500Z									
C1	C90-0631-05	Non-pole electro 2.2μF 100 WV		C1	C90-0626-05	Non-pole electro 10μF 100 WV			
C2	C90-0636-05	Non-pole electro 10μF 100 WV		C2	C90-0631-05	Non-pole electro 2.2μF 100 WV			
KL-666Z									
C1	C90-0631-05	Non pole electro 2.2μF 100 WV		L1	L38-0089-05	Coil 0.2 mH			
C2	C90-0626-05	Non-pole electro 10μF 100 WV		L2	L38-0091-05	Coil 0.5 mH			
L1	L38-0090-05	Coil 0.35 mH		R1	R92-0815-05	Wire wound 1Ω 10W ±10%			
R1	R92-0442-05	Wire wound 2Ω 5W ±10%	☆	R2	R92-0818-05	Wire wound 3.9Ω 10W ±10%	☆		
KL-777Z/700Z									
C1	C90-0626-05	Non-pole electro 10μF 100 WV		C1	C90-0631-05	Non-pole electro 2.2μF 100 WV			
C2	C90-0631-05	Non-pole electro 2.2μF 100 WV		C2	C90-0633-05	Non-pole electro 3.3μF 100 WV			
C3	C90-0679-05	Non-pole electro 0.22μF 100 WV	☆	C3	C90-0679-05	Non-pole electro 0.22μF 100 WV			
R1	R92-0441-05	Wire wound 1Ω 5W ±10%	☆	C4	C90-0680-05	Non-pole electro 8.2μF 100 WV	☆		
R2	R92-0444-05	Wire wound 3.9Ω 5W ±10%	☆	L1	L38-0091-05	Coil 0.5 mH			
S1	S01-2201-05	Rotary switch		L2	L38-0135-05	Coil 0.5 mH			
KL-888Z									
C1	C90-0626-05	Non-pole electro 10μF 100 WV		R1	R92-0818-05	Wire wound 3.9Ω 10W ±10%			
C2	C90-0631-05	Non-pole electro 2.2μF 100 WV		R2	R92-0829-05	Wire wound 0.47Ω 10W ±10%			
C3	C90-0633-05	Non-pole electro 3.3μF 100 WV		KL-999Z					
L1	L38-0089-05	Coil 0.2 mH		C1	C90-0631-05	Non-pole electro 2.2μF 100 WV			
L2	L38-0091-05	Coil 0.5 mH		C2	C90-0633-05	Non-pole electro 3.3μF 100 WV			
R1	R92-0815-05	Wire wound 1Ω 10W ±10%		C3	C90-0679-05	Non-pole electro 0.22μF 100 WV			
R2	R92-0818-05	Wire wound 3.9Ω 10W ±10%		C4	C90-0680-05	Non-pole electro 8.2μF 100 WV	☆		
S1	S01-2201-05	Rotary switch		L1	L38-0091-05	Coil 0.5 mH			
KL-999Z									
C1	C90-0631-05	Non-pole electro 2.2μF 100 WV		L2	L38-0135-05	Coil 0.5 mH			
C2	C90-0633-05	Non-pole electro 3.3μF 100 WV		R1	R92-0818-05	Wire wound 3.9Ω 10W ±10%			
C3	C90-0679-05	Non-pole electro 0.22μF 100 WV		R2	R92-0829-05	Wire wound 0.47Ω 10W ±10%			
C4	C90-0680-05	Non-pole electro 8.2μF 100 WV	☆	KL-999Z					

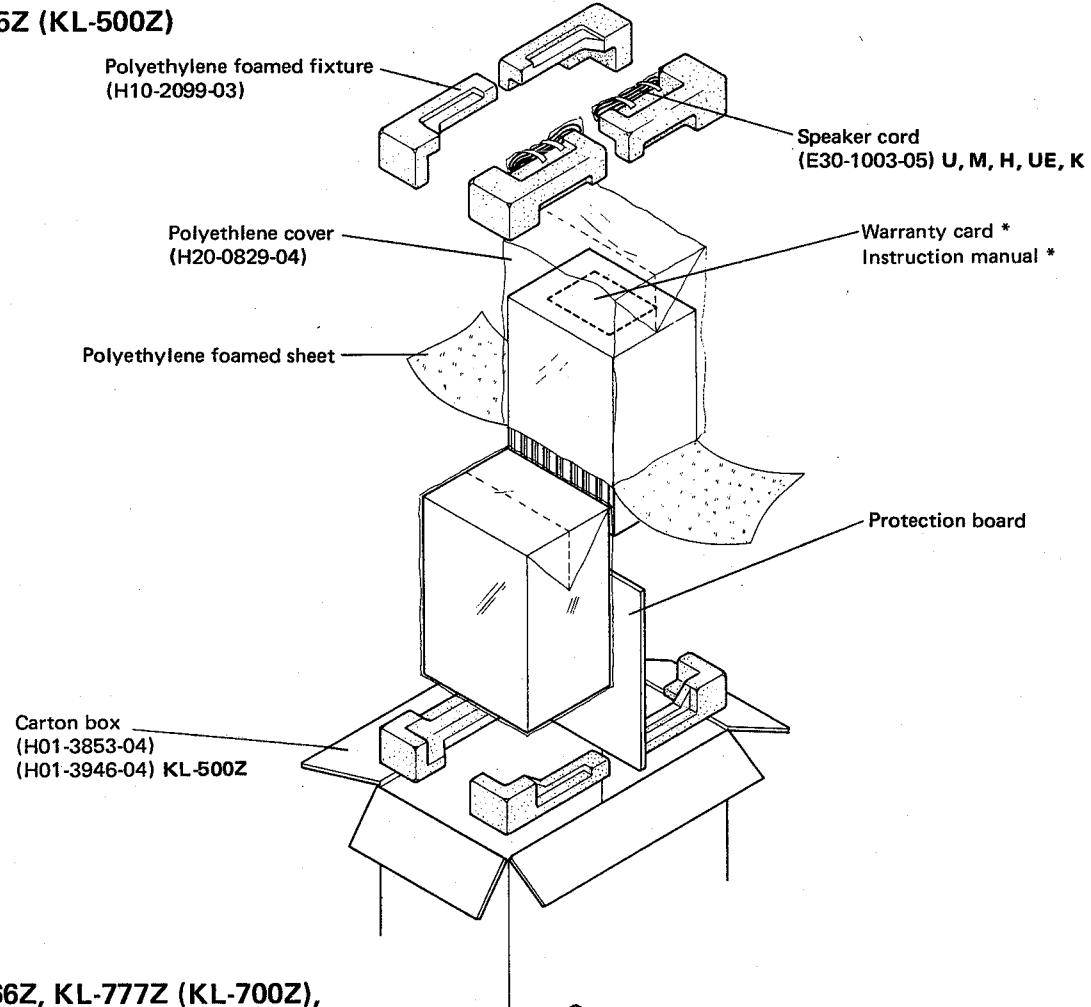
DISASSEMBLY OF ATTENUATOR

KL-777Z (700Z), 888Z

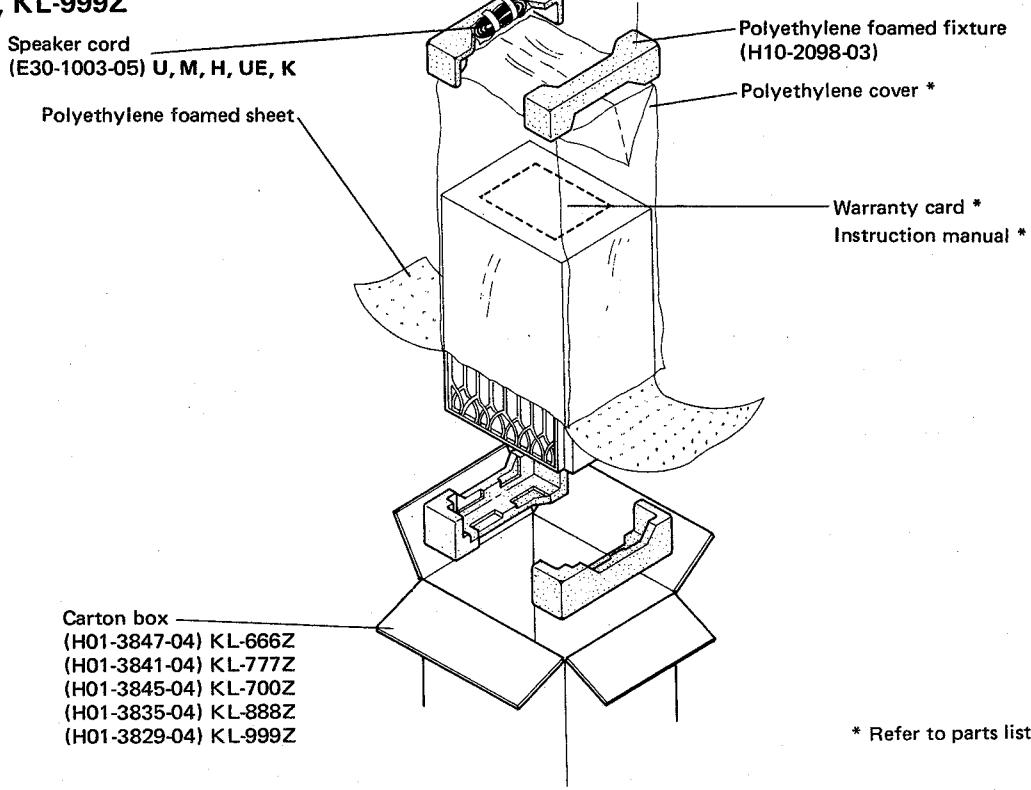


PACKING

KL-555Z (KL-500Z)



KL-666Z, KL-777Z (KL-700Z), KL-888Z, KL-999Z



* Refer to parts list

SPECIFICATIONS

KL-555Z/500Z

System	3-Way, 3-Speaker System
Mounted Speakers	
Woofer	250 mm (10") Cone Type
Midrange	100 mm (4") Cone Type
Tweeter	63 mm (2-1/2") Cone Type with Protector
Enclosure	Bass-Reflex Type
Maximum Input	
Power	100 Watts
Nominal Input	
Power	50 Watts
Sensitivity	94 dB/W at 1 m
Frequency Response	35 Hz to 20,000 Hz
Crossover Frequencies	1,500 Hz, 5,000 Hz
Impedance	8 ohms
Dimensions	W: 310 mm (12-7/32") H: 520 mm (20-15/32") D: 231 mm (9-1/16")
Weight (Net)	17.0 kg (37.4 lbs)/pair
Enclosure finish	Top, Side and Bottom are in Simulated Walnut-Grain Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

KL-666Z

System	4-Way, 4-Speaker System
Mounted Speakers	
Woofer	325 mm (13") Cone Type
Midrange	100 mm (4") Cone Type
Tweeter	Exponential Horn Type with Diffuser
Super Tweeter	50 mm (2") Cone Type with Protector
Enclosure	Bass-Reflex Type
Maximum Input	
Power	150 Watts
Nominal Input	
Power	75Watts
Sensitivity	95 dB/W at 1 m
Frequency Response	30 Hz to 20,000 Hz
Crossover Frequencies	1,500 Hz, 5,000 Hz, 10,000 Hz
Impedance	8 ohms
Dimensions	W: 370 mm (14-15/32") H: 630 mm (24-13/16") D: 271 mm (10-23/32")
Weight (Net)	13.0 kg (28.6 lbs)/pc.
Enclosure finish	Top, Side and Bottom are in Simulated Walnut-Grain Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

KL-777Z/700Z

System	4-Way, 4-Speaker System
Mounted Speakers	
Woofer	400 mm (16") Cone Type
Midrange	120 mm (5") Cone Type
Tweeter	Exponential Horn Type with Diffuser
Super Tweeter	50 mm (2") Cone Type with Diffuser
Enclosure	Bass-Reflex Type
Maximum Input	
Power	200 Watts
Nominal Input Power	100 Watts
Sensitivity	96 dB/W at 1 m
Frequency Response	20 Hz to 21,000 Hz
Crossover Frequencies	1,000 Hz, 4,000 Hz, 10,000 Hz
Impedance	8 ohms
Additional Feature	3-Step Acoustics Level Control (Soft - Normal - Clear)
Dimensions	W: 417 mm (16-13/32") H: 682 mm (26-7/8") D: 271 mm (10-23/32")
Weight (Net)	17.0 kg (37.4 lbs)/pc.
Enclosure Finish	Top, Side and Bottom are in Simulated Walnut-Grain Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

KL-888Z

System	4-Way, 4-Speaker System
Mounted Speakers	
Woofer	432 mm (17") Cone Type
Midrange	120 mm (5") Cone Type with Radiator
Mid-High Range	Exponential Horn Type with Diffuser
Tweeter	Exponential Horn Type with Diffuser
Enclosure	Bass-Reflex Type
Maximum Input	
Power	280 Watts
Nominal Input Power	140 Watts
Sensitivity	98 dB/W at 1 m
Frequency Response	20 Hz to 22,000 Hz
Crossover Frequencies	1,000 Hz, 3,000 Hz, 5,000 Hz
Impedance	8 ohms
Additional Feature	3-Step Acoustics Level Control (Soft - Normal - Clear)
Dimensions	W: 445 mm (17-17/32") H: 690 mm (27-5/32") D: 271 mm (10-23/32")
Weight (Net)	20.0 kg (44.0 lbs)/pc.
Enclosure Finish	Top, Side and Bottom are in Simulated Walnut-Grain Finish.

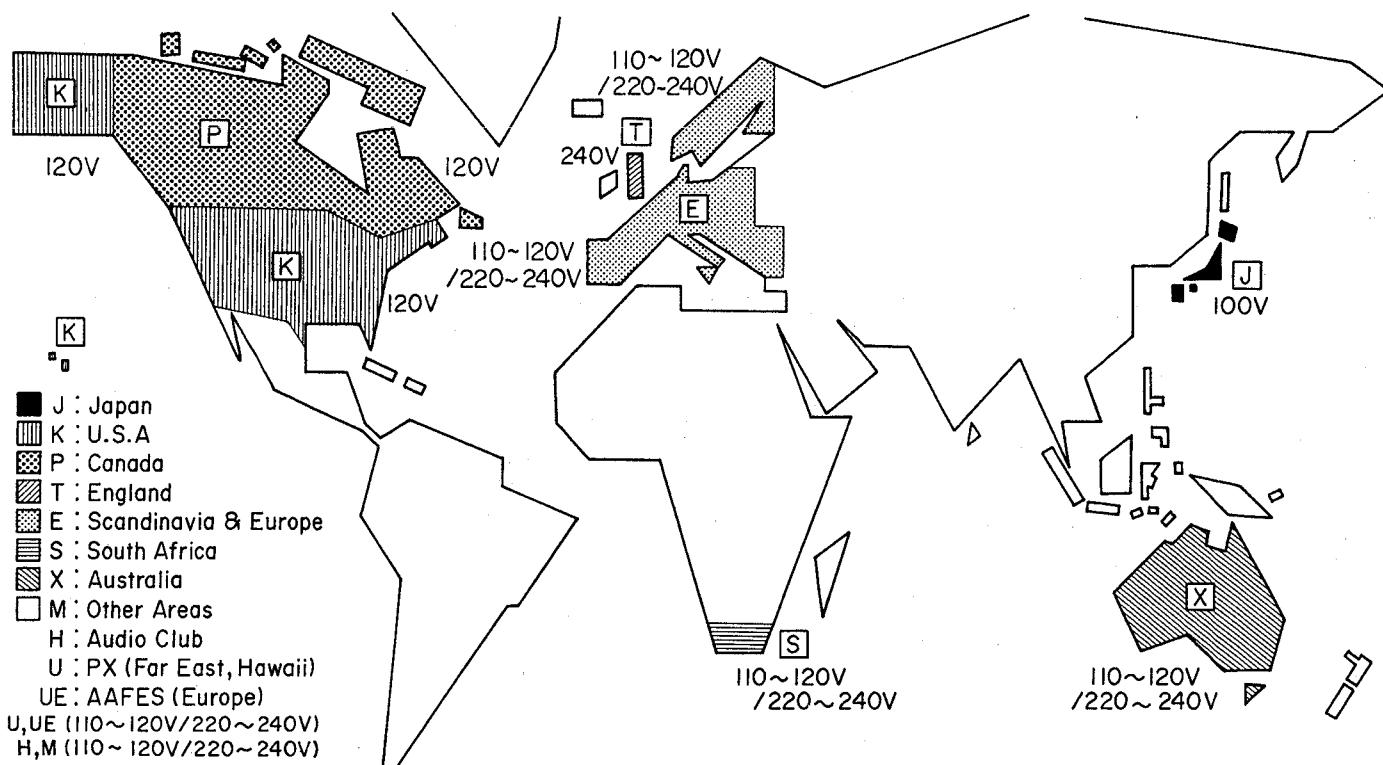
(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

KL-999Z

System	5-Way, 5-Speaker System
Mounted Speakers	
Woofer	432 mm (17") Cone Type
Midrange	160 mm (6-1/2") Cone Type with Radiator
Mid-High Range	Exponential Horn Type with Diffuser
Tweeter	Exponential Horn Type with Diffuser
Super Tweeter	50 mm (2") Cone Type with Diffuser
Enclosure	Bass-Reflex Type
Maximum Input	
Power	350 Watts
Nominal Input Power	175 Watts
Sensitivity	98 dB/W at 1 m
Frequency Response	20 Hz to 22,000 Hz
Crossover Frequencies	1,000 Hz, 3,000 Hz, 5,000 Hz, 10,000 Hz
Impedance	8 ohms
Additional Feature	3-Step Acoustics Level Control (Soft - Normal - Clear)
Dimensions	W: 445 mm (17-17/32") H: 690 mm (27-5/32") D: 271 mm (10-23/32")
Weight (Net)	20.0 kg (44.0 lbs)/pc.
Enclosure Finish	Top, Side and Bottom are in Simulated Walnut-Grain Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

WORLD MAP & AREA CODE



Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

There is no plan for producing of S type.

A product of
TRIO-KENWOOD CORPORATION
Shionogi Shibuya Building, 17-5, 2-chome Shibuya, Shibuya-ku, Tokyo 150 Japan

KENWOOD ELECTRONICS, INC.

1315 E Watsoncenter Rd. Carson, California 90745, U.S.A.
75 Seaview Drive, Secaucus, New Jersey 07094, U.S.A.
1098 North Tower Lane, Bensenville, Illinois 60106, U.S.A.

TRIO-KENWOOD CANADA INC.

1070 Jayson Court Mississauga, Ontario Canada L4W 2V5

TRIO-KENWOOD ELECTRONICS, N.V.

Leuvensesteenweg 504, B-1930 Zaventem, Belgium

TRIO-KENWOOD ELECTRONICS, GmbH

Rudolf-Braas-Str. 20, 6056 Heusenstamm, West Germany

TRIO-KENWOOD FRANCE S.A.

5, Boulevard Ney, 75018 Paris, France

TRIO-KENWOOD SVENSKA AB

Kemistvagen 10A, 183-21 Taby, Sweden

TRIO-KENWOOD AG

Unterboesch 6331 Huenenberg/ZUG Switzerland

TRIO-KENWOOD (AUSTRALIA) PTY. LTD.

30 Whiting St., Artarmon, N.S.W. 2064, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Wang Kee Building, 5th Floor, 34-37, Connaught Road Central, Hong Kong